



SHEET 1 OF 3

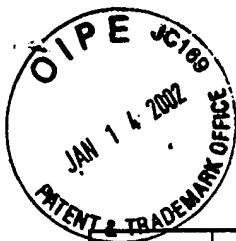
<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.: ACX-135</b> <b>APPLICANT(S): Jacques, Robert N.</b> <b>SERIAL NO.: 09/896,689</b> <b>FILING DATE: June 29, 2001</b> <b>GROUP: 2837</b>			
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	4,916,635	4/10/90	Singer, et al.	364	513	<del>4/10/90</del>
	A2	4,973,215	11/27/90	Karlen, et al.	414	729	
	A3	5,167,002	11/24/92	Fridhandler	388	815	
	A4	5,367,612	11/22/94	Bozich, et al.	395	22	
	A5	5,386,372	1/31/95	Kobayashi, et al.	364	574	
	A6	5,426,720	6/20/95	Bozich, et al.	395	22	
	A7	5,491,446	2/13/96	Okada, et al.	327	551	
	A8	5,581,166	12/3/96	Eismann, et al.	318	568.22	
	A9	5,594,309	1/14/97	McConnell, et al.	318	568.22	
	A10	5,604,413	2/18/97	Khorrani, et al.	318	632	
	A11	5,610,848	3/11/97	Fowell	364	724.07	
	A12	5,638,305	6/10/97	Kobayashi, et al.	364	574	
	A13	5,816,122	10/6/98	Benning, et al.	82	1.11	
	A14	5,845,236	12/1/98	Jolly, et al.	702	195	
	A15	5,946,449	8/31/99	Dickerson, et al.	395	95	
	A16	5,960,969	10/5/99	Habisohn	212	275	
	A17	6,002,232	12/14/99	McConnell, et al.	318	629	
	A18	6,011,373	1/4/00	McConnell, et al.	318	560	
	A19	6,076,951	6/20/00	Wang, et al.	364	158	
	A20	6,078,844	6/20/00	Magee, et al.	700	55	
	A21	6,102,221	8/15/00	Habisohn	212	270	
✓	A22	20010003112 A1	6/7/01	Kirchner	492	16	✓



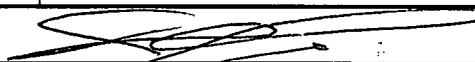


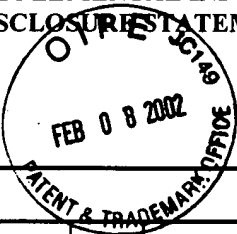
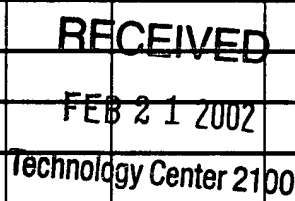


FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>[Handwritten mark]</i>	B1	91/18271	28.11.91	WO	G01M	7/00	21.05.90	<i>N</i>	<i>X</i>
<i>[Handwritten mark]</i>	B2	00/41043	13.07.00	WO	G05B	13/02, 17/02, 11/36	06.12.99	<i>N</i>	<i>F</i>
<i>[Handwritten mark]</i>									
<i>[Handwritten mark]</i>									

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
<i>[Handwritten mark]</i>	C1	Jacques, "On-line System Identification and Control Design for Flexible Structures," (pgs. 1-275), May 1994, Massachusetts Institute of Technology, Department of Aeronautics and Astronautics.
<i>[Handwritten mark]</i>	C2	Singhose; Mills, "Command Generation Using Specified-Negative-Amplitude Input Shapers," (pgs. 61-65), June 1999, Proceedings of the American Control Conference
<i>[Handwritten mark]</i>	C3	Li; Rahn, "Adaptive Vibration Isolation for Axially Moving Beams," (pgs. 419-428), December 2000, IEEE/ASME Transactions on Mechatronics, Vol. 5. No. 4
<i>[Handwritten mark]</i>	C4	Qu, "Robust and Adaptive Boundary Control of a Stretched String on a Moving Transporter," March 2001, (pgs. 470-476), IEEE Transactions on Automatic Control, Vol. 46, No. 3.
<i>[Handwritten mark]</i>	C5	Baz; Hong, "Adaptive Control of Flexible Structures Using Modal Positive Position Feedback," May 1997, (pgs. 231-253), L Journal of Adaptive Control and Signal Processing, Vol. 11.
<i>[Handwritten mark]</i>	C6	Yen, "Active Vibration Control in Precision Structures," April 1997, (pgs. 127-135), SPIE, Applications and Science of Artificial Neural Networks III, Vol. 3077
<i>[Handwritten mark]</i>	C7	Gopinathan, Pajunen, Neelakanta, Arockiasamy, "Linear Quadratic Distributed Self-Tuning Control of Vibration in a Cantilever Beam," (pgs. 542-553), SPIE, Vol. 2443
<i>[Handwritten mark]</i>	C8	Davis, "Adaptive Neural Control for the ASTREX Testbed," 1997, (pgs. 1794-1798), Proceedings of the American Control Conference
<i>[Handwritten mark]</i>	C9	Fitch, Maybeck, "Multiple Model Adaptive Control of a Large Flexible Space Structure with Purposeful Dither for Enhanced Identifiability," December 1994, (pgs. 2904-2909), Proceedings of the 33 <sup>rd</sup> Conference on Decision and Control
<i>[Handwritten mark]</i>	C10	Schiller, Maybeck, "Control of a Large Space Structure Using MMAE/MMAC Techniques, October 1997, (pgs. 1122-1131), IEEE Transactions on Aerospace and Electronic Systems, Vol 33, No. 4



	C11	Goodwin, Welsh, "Analysis of a Novel Method of Autotuning a Multivariable Plant Based on Quantisation," June 1999, (pgs. 3347-3351), Proceedings of the American Control Conference
	C12	Bodson, Douglas, "Narrowband Disturbance Rejection using Adaptive Feedback Algorithms," March 1997, (pgs. 45-56), SPIE - Mathematics and Control in Smart Structures, Vol. 3039
	C13	Bodson, Douglas, "Rejection of Disturbances with a Large Sinusoidal Component of Unknown Frequency," February 1996, (pgs. 64-75), SPIE - Mathematics and Control in Smart Structures. Vol. 2715
	C14	Wang, Hang, Zou, "A Frequency Response Approach to Autotuning of Multivariable Controllers," November 1997, (pgs. 797-806), Trans IChemE, Vol. 75, Part A
	C15	Bakker, Annaswamy, "Low-order Multivariable Adaptive Control with Application to Flexible Structures," March 1996, (pgs. 409-417), A Journal of IFAC the International Federation of Automatic Control, Vol. 32, No. 3
	C16	Annaswamy, Clancy, "Adaptive Control Strategies for Flexible Space Structures," July 1996, (pgs. 952-966), IEEE Aerospace and Electronic Systems Society, Vol. 32, No. 3
	C17	Ho, Yang, Chew, "New Adaptable Reference Model Adaptive Control for Slewing Control of a Flexible Beam with An Unknown Tip-load," Feb. - March 1995, (pgs. 739-751), SPIE - Smart Structures and Integrated Systems, Vol. 2443
EXAMINER 		DATE CONSIDERED 16/23/03

FORM PTO - 1449				ATTORNEY DOCKET NO.: ACX-135					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Jacques, Robert N.					
				SERIAL NO.: 09/896,689		FILING DATE: June 29, 2001			
				GROUP: 2837					
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FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
									
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C18	Astrom, Wittenmark, "Commercial Products and Applications," 1995, (pgs. 375-389; 499-517), Adaptive Control, Second Edition.							
EXAMINER					DATE CONSIDERED 10/23/05				

U.S. Department of Commerce, Patent and Trademark Office				Applicant Docket No.		Serial No.	
				2001-0093-01		09/896,689	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant(s)			
				Robert N. Jacques			
				Filing Date		Group	
				June 29, 2001		2121	

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
[Signature]	A	5,991,525	11/23/99	Shah, et al.	703	2	8/22/97
↓	B	6,128,541	10/3/00	Kenneth W. Junk	700	39	10/15/97
↓	C	6,285,971	9/4/01	Shah, et al.	703	2	8/22/97

Foreign Patent Documents							Translation	
		Document	Date	Country	Class	Subclass	Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
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Examiner [Signature]	Date Considered 10/23/03
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.